ATI TEAS 7 Science Practice Test Free

Section: ATI TEAS 7 Science Exams • **Total Questions:** 10 • **Format:** Verified Q&A

1. Which of the following types of muscle tissue is responsible for peristalsis in the sigmoid colon?

(A) Smooth
(B) Skeletal
(C) Cardiac
(D) Striated

2. Which of the following respiratory structures is affected by a disease that disrupts gas exchange, such as emphysema?

(A) Trachea
(B) Alveoli
(C) Secondary bronchi
(D) Primary bronchi

3. Which of the following allows the skull to rotate on the neck?

(A) Vertebral foramen
(B) Spinous process
(C) Atlas
(D) Sacrum

4. Which of the following is the primary contributor to skin color?

(A) Keratin
(B) Eleidin
(C) Melanin
(D) Elastin

5. Which substance protects the body from ultraviolet rays?

(A) Keratin
(B) Sebum
(C) Perspiration
(D) Melanin

6. What is the primary function of centrosomes in animal cells?

(A) Pathogen digestion

(B) Cytoplasm formation

(C) Organelle trafficking

(D) Microtubule organization

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7. In a plant in which fuzzy leaves (F) are dominant over smooth leaves (f), which of the following crosses will reproduce only offspring with smooth leaves?

(A) FF by ff

(B) ff by ff

(C) Ff by Ff

(D) FF by FF

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8. What is essential for new scientific findings to be published?

(A) To prevent other scientists from performing similar tests

(B) For other scientists to validate or disapprove of findings

(C) Publishing findings to help scientists become more biased

(D) Scientists being paid if their findings are published

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9. Which of the following structures is correctly associated with its immune function?

(A) Bone marrow destroys worn out red and white blood cells.

(B) Tonsils are where T-cells are generated and mature.

(C) The spleen removes germs from the blood.

(D) Peyer's patches are where B-cells are generated and mature.

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10. What causes osteoporosis?

(A) An increase in osteocyte activity while osteoclast activity continues at expected levels

(B) A decline in osteoblast activity while osteoclast activity continues at expected levels

(C) An increase in osteocyte activity while osteoblast activity continues at expected levels

(D) A decline in osteoclast activity while osteoblast activity continues at expected levels

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